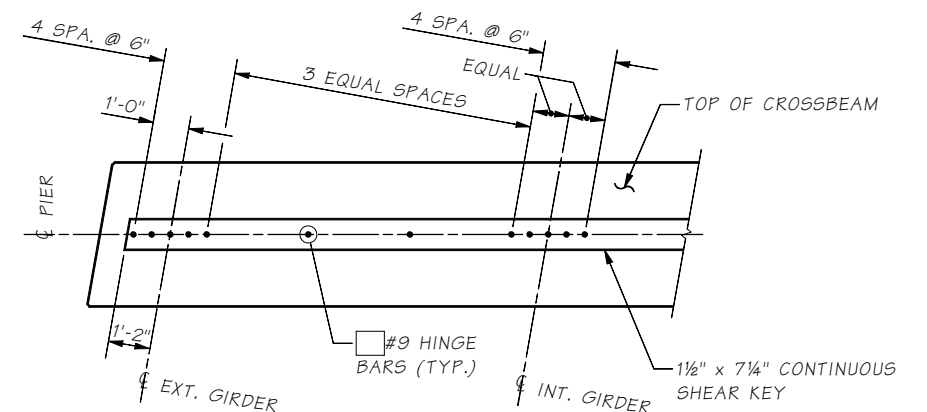
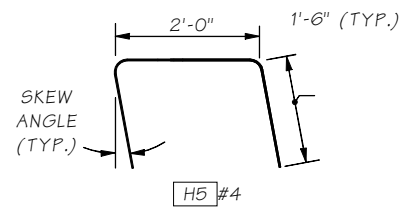
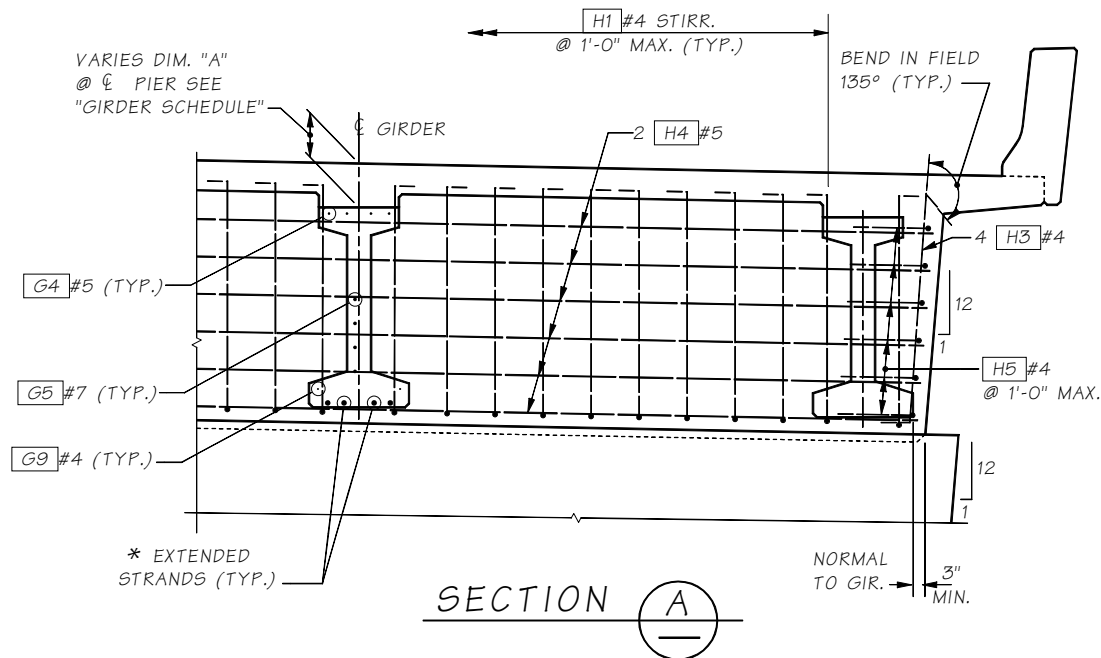


PLAN - HINGE DIAPHRAGM

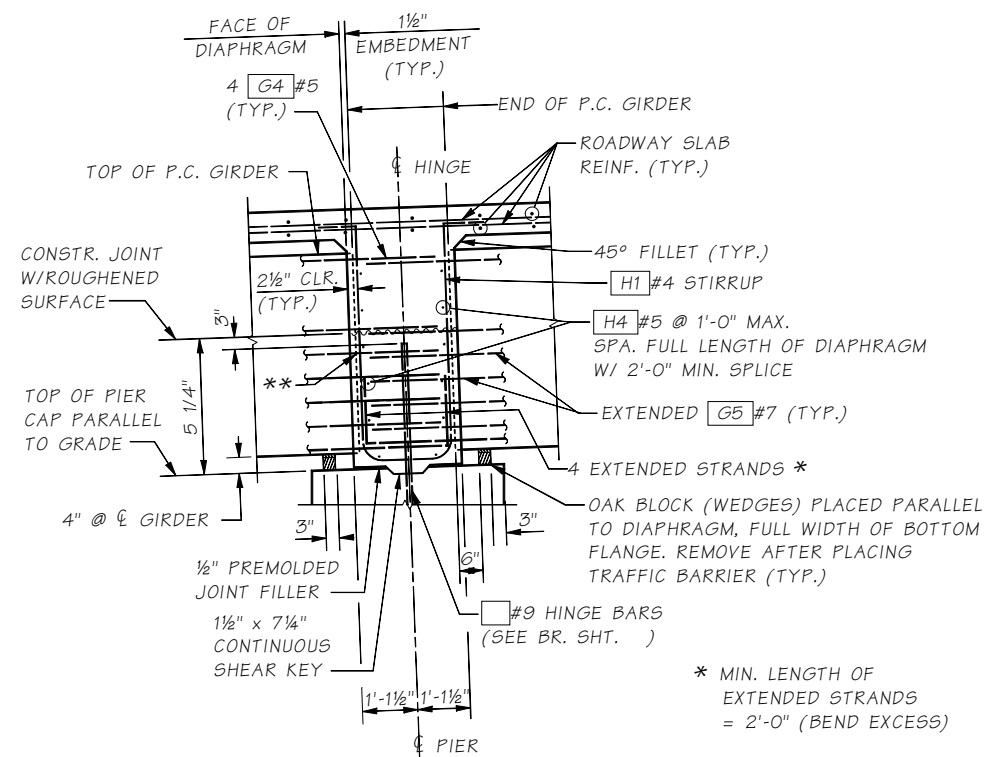
10° MAX. SKEW FOR HINGE DIAPHRAGM.
* FOR EXTENDED STRAND DETAIL SEE GIRDER SHEET



HINGE BAR PLAN



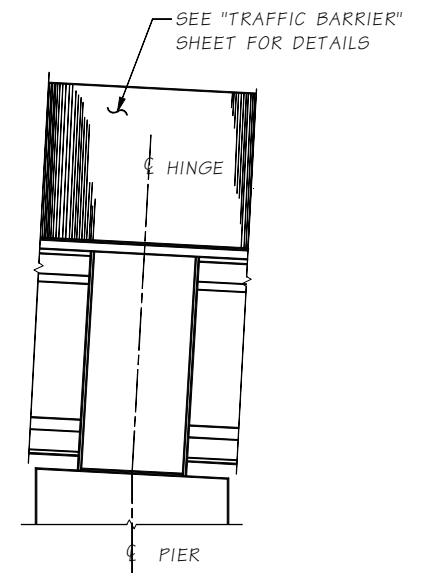
SECTION A



TYPICAL HINGE SECTION

** FOR SAWTOOTH SHEAR KEY DETAILS, SEE GIRDER SHEETS.

* MIN. LENGTH OF
EXTENDED STRANDS
= 2'-0" (BEND EXCESS)



TYP. END VIEW
HINGE DIAPHRAGM

NOTES TO DESIGNER

Hinge bar plan is shown for designer. The actual hinge bars shall be located along the center pier on the crossbeam details sheet, for final contract plans. The hinge bars shall be deleted from this sheet prior to the award copy of the contract plans.

Oak block wedges shall be shown on crossbeam plan sheet, parallel to the center pier if skewed. Crossbeam width is dictated by the oak block location.

Bridge Design Engr.	M:\STANDARDS\Girders\I-Girders\W50G\W50G_HINGE_DIAPHRAGM_INTER_PIER_DIAPH_DET.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By						
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Tue Jan 09 07:37:57 2007

BRIDGE
AND
STRUCTURES
OFFICE



Washington State
Department of Transportation

STANDARD
PRESTRESSED CONCRETE GIRDERS

W50G HINGE DIAPHRAGM
AT INTERMEDIATE PIER DETAILS

BRIDGE
SHEET
NO.
SHEET
OF
SHEETS

5.6-A4-7

SHEET